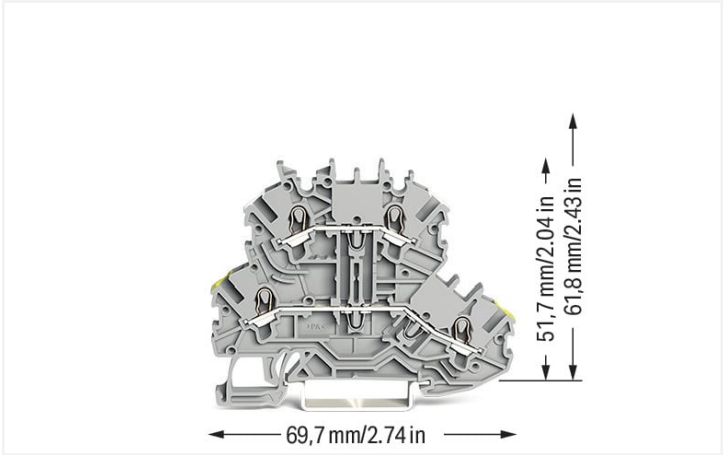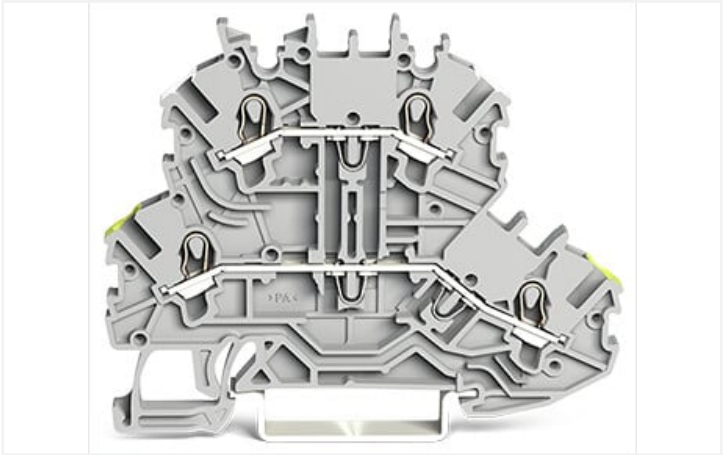# Data Sheet | Item Number: 2000-2201/353-000

Double-deck terminal block; Through/through terminal block; L/L; without marker carrier; for KNX applications; Conductor entry (lower deck), yellow marking; Conductor entry (upper deck), white marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,00 mm²; gray

https://www.wago.com/2000-2201/353-000

Color: ■ gray

Electrical data

Ratings per	IEC/EN 60947-7-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	-	-
Rated surge voltage	6 kV	-	-
Rated current	13.5 A	-	-
Current at conductor cross-section (max.) mm²	16 A	-	-

Ratings per UL	
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	15 A

Ratings per CSA	
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	15 A

Power Loss	
Power loss, per pole (potential)	0.4338 W
Rated current I_N for specified power loss	13.5 A
Resistance value for specified, current-dependent power loss	0.00238 Ω

Connection data

Connection points	4
Total number of potentials	2
Number of levels	2
Number of jumper slots	4

Connection 1	
Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	1 mm²
Solid conductor	0.14 … 1.5 mm² / 24 … 16 AWG
Solid conductor; push-in termination	0.5 … 1.5 mm² / 20 … 16 AWG
Fine-stranded conductor	0.14 … 1.5 mm² / 24 … 16 AWG
Fine-stranded conductor; with insulated ferrule	0.14 … 0.75 mm² / 24 … 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 … 0.75 mm² / 20 … 18 AWG

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Connection 1

Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	9 … 11 mm / 0.35 … 0.43 inches
Wiring direction	Front-entry wiring

Connection 2

Number of connection points 2	2

Physical data

Width	3.5 mm / 0.138 inches
Height	69.7 mm / 2.744 inches
Depth from upper-edge of DIN-rail	51.7 mm / 2.035 inches

Mechanical data

Potential marking	L/L
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0 MJ
Weight	7.3 g

Environmental requirements

Processing temperature	-35 … +85 °C
Continuous operating temperature	-60 … +105 °C

Commercial data

ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143907972
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	2130762
UL Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2000-2201/353-000	↓

Documentation

Additional Information				Bid Text			
Technical Section	pdf 2240.62 KB	↓		2000-2201/353-000	xml 4.59 KB	↓
				2000-2201/353-000	docx 21.15 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 2000-2201/353-000	↓

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate

Item No.: 2000-2291
End plate; 0.7 mm thick; gray

Item No.: 2000-2292
End plate; 0.7 mm thick; orange

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1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories

Item No.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

Item No.: 210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

Item No.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

Item No.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

Item No.: 210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

Item No.: 210-115
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored

Item No.: 210-112
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

Item No.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

1.2.2 Ferrule

1.2.2.1 Ferrule

Item No.: 216-241
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

Item No.: 216-242
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

Item No.: 216-243
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

1.2.3 Installation

1.2.3.1 Cover

Item No.: 709-156
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.2.3.2 Cover carrier

Item No.: 709-169
Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

1.2.4 Jumper

1.2.4.1 Jumper

Item No.: 2000-406/020-000 Delta jumper; insulated; light gray	Item No.: 2000-410/000-006 Jumper; 10-way; insulated; blue	Item No.: 2000-410 Jumper; 10-way; insulated; light gray	Item No.: 2000-410/000-005 Jumper; 10-way; insulated; red
Item No.: 2000-402/000-006 Jumper; 2-way; insulated; blue	Item No.: 2000-402 Jumper; 2-way; insulated; light gray	Item No.: 2000-402/000-005 Jumper; 2-way; insulated; red	Item No.: 2000-402/000-018 Jumper; 2-way; insulated; yellow-green
Item No.: 2000-403/000-006 Jumper; 3-way; insulated; blue	Item No.: 2000-403 Jumper; 3-way; insulated; light gray	Item No.: 2000-403/000-005 Jumper; 3-way; insulated; red	Item No.: 2000-404/000-006 Jumper; 4-way; insulated; blue
Item No.: 2000-404 Jumper; 4-way; insulated; light gray	Item No.: 2000-404/000-005 Jumper; 4-way; insulated; red	Item No.: 2000-405/000-006 Jumper; 5-way; insulated; blue	Item No.: 2000-405 Jumper; 5-way; insulated; light gray
Item No.: 2000-405/000-005 Jumper; 5-way; insulated; red	Item No.: 2000-406/000-006 Jumper; 6-way; insulated; blue	Item No.: 2000-406 Jumper; 6-way; insulated; light gray	Item No.: 2000-406/000-005 Jumper; 6-way; insulated; red
Item No.: 2000-407/000-006 Jumper; 7-way; insulated; blue	Item No.: 2000-407 Jumper; 7-way; insulated; light gray	Item No.: 2000-407/000-005 Jumper; 7-way; insulated; red	Item No.: 2000-408/000-006 Jumper; 8-way; insulated; blue
Item No.: 2000-408 Jumper; 8-way; insulated; light gray	Item No.: 2000-408/000-005 Jumper; 8-way; insulated; red	Item No.: 2000-409/000-006 Jumper; 9-way; insulated; blue	Item No.: 2000-409 Jumper; 9-way; insulated; light gray
Item No.: 2000-409/000-005 Jumper; 9-way; insulated; red	Item No.: 2000-440 Jumper; from 1 to 10; insulated; light gray	Item No.: 2000-433/000-006 Jumper; from 1 to 3; insulated; blue	Item No.: 2000-433 Jumper; from 1 to 3; insulated; light gray
Item No.: 2000-433/000-005 Jumper; from 1 to 3; insulated; red	Item No.: 2000-434 Jumper; from 1 to 4; insulated; light gray	Item No.: 2000-435 Jumper; from 1 to 5; insulated; light gray	Item No.: 2000-436 Jumper; from 1 to 6; insulated; light gray
Item No.: 2000-437 Jumper; from 1 to 7; insulated; light gray	Item No.: 2000-438 Jumper; from 1 to 8; insulated; light gray	Item No.: 2000-439 Jumper; from 1 to 9; insulated; light gray	Item No.: 2000-405/011-000 Star point jumper; 3-way; insulated; light gray
Item No.: 2000-492 Vertical jumper; insulated; light gray	Item No.: 210-103 Wire commoning chain; insulated; black	Item No.: 210-123 Wire commoning chain; insulated; blue	

1.2.5 Marking

1.2.5.1 Marker

Item No.: 793-3501 WMB marking card; as card; plain; snap-on type; white	Item No.: 2009-113/000-006 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue	Item No.: 2009-113/000-007 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray	Item No.: 2009-113/000-023 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green
Item No.: 2009-113/000-017 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green	Item No.: 2009-113/000-012 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange	Item No.: 2009-113/000-005 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red	Item No.: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet

1.2.5.1 Marker

Item No.: 2009-113
WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white

Item No.: 2009-113/000-002
WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow

1.2.5.2 Marker carrier

Item No.: 2000-121
Adaptor; gray

1.2.5.3 Marking strip

Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.2.6 Protective warning marker

1.2.6.1 Cover

Item No.: 2000-115
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.2.7 Push-in type wire jumper

1.2.7.1 Jumper

Item No.: 2009-404
Push-in type wire jumper; 0.75 mm²; insulated; 110 mm long; gray

Item No.: 2009-406
Push-in type wire jumper; 0.75 mm²; insulated; 250 mm long; gray

Item No.: 2009-402
Push-in type wire jumper; 0.75 mm²; insulated; 60 mm long; gray

1.2.8 Screwless end stop

1.2.8.1 Mounting accessories

Item No.: 249-117
Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 249-116
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.2.9 Test and measurement

1.2.9.1 Testing accessories

Item No.: 2009-174
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

Item No.: 2009-182
Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

1.2.10 Tool

1.2.10.1 Operating tool

Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Item No.: 210-648
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short

Item No.: 210-647
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

All conductor types at a glance
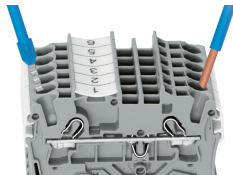
Push-in termination of solid and ferruled conductors
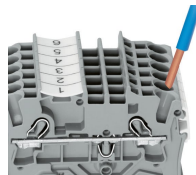
Inserting a conductor via push-in termination:
Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.
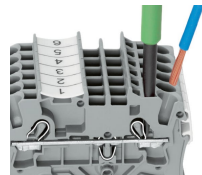
Inserting a conductor via operating tool:
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.
Advantage:
To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.
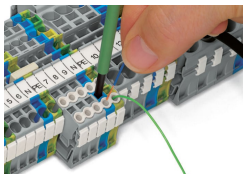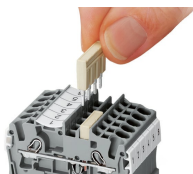
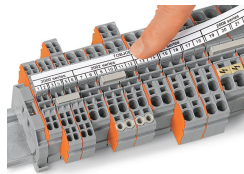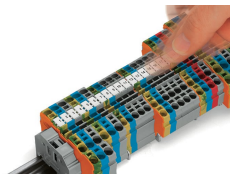Conductor termination – insulation stop

Commoning
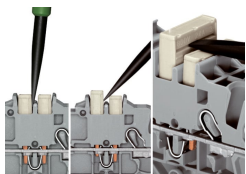
Removing a push-in type jumper bar:
Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Insert push-in type jumper bar and push down until it hits backstop.

Marking

Snapping WMB Inline markers into marker slots.

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: www.wago.com